



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Vitaliano et al.

SERIAL NO.:

10/660,976

GROUP NO.:

1631

FILING DATE:

September 11, 2003

EXAMINER:

Not yet assigned

TITLE:

Quantum Information Processing Elements and Quantum Information

Processing Platforms Using Such Elements

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 19th day of July, 2004.

Monika A. Pychynska

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

Submitted are:

- (1) Transmittal Form (1 pg.);
- (2) Information Disclosure Statement (2 pgs.);
- (3) PTO Form-1449 (6 pgs.);
- (4) copies of references cited (C1-C95); and
- (5) a return receipt postcard.

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	8			Serial Number		10/660,976
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Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1)	within three (3) months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the first Office action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. 1.114; or
(2)	after the period defined in (1) but before the mailing date of a final action or a notice of allowance under 37 C.F.R. 1.311, and
	the requisite Statement is below, OR

Information Disclosure Statement Serial No.: 10/661,465 Page 2 of 2 the requisite fee under 37 C.F.R. 1.17(p), namely \$180.00, is included herein, or after the mailing date of a final action or notice of allowance but before the payment (3) of the issue fee, AND the requisite Statement is below, AND the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein. It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application. Respectfully submitte Date: July 19, 2004 Robert J. Tosti Reg. No. 35,393 Attorney for Applicant(s) Testa, Hurwitz, & Thibeault, LLP

High Street Tower



FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: VXM-001C

APPLICANT(S):

Vitaliano et al.

SERIAL NO.: 10/660,976

FILING DATE: September 11, 2003 GROUP: 1631

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OTHER ART, JOURNAL ARTICLES, ETC.

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